

# Converting Colors

Hex(981189)

Have a look what the booklet for  
Hex(981189) contains.

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**Color**

**Hex(981189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	981189
RGB	152, 17, 137
RGB Percent	60%, 7%, 54%
CMY	0.4039, 0.9333, 0.4627
CMYK	0.00, 0.89, 0.10, 0.40
HSL	307°, 80%, 33%
HSV	307°, 89%, 60%
XYZ	17.6647, 8.8824, 24.4504
YIQ	71.0450, 41.9400, 65.9400

# Conversions

## Conversions Part 2

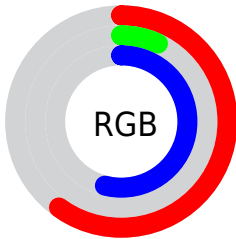
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 17, 137
Decimal	9965961
CIE Lab	35.76, 62.25, -32.33
CIE LCh	36, 70.142, 332.555
Yxy	8.8824, 0.3464, 0.1742
Android (android.graphics.Color)	4288156041 (0xFF981189)
YUV	71.0450, 32.5158, 70.9975
Hunter-Lab	29.8034, 53.6422, -27.7784

# Details

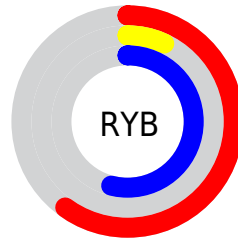
The Hex color **981189** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **119820**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D254BF**, and **600056** is the 20% darker color. If you saturate the color by 10%, you get **980287**, and if you desaturate by 10%, it is **98208B**.

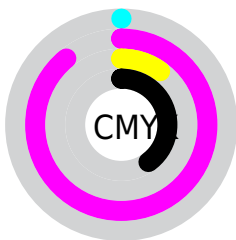
# Distribution



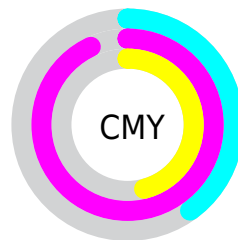
- Red (60%)
- Green (7%)
- Blue (54%)



- Red (60%)
- Yellow (7%)
- Blue (54%)



- Cyan (0%)
- Magenta (89%)
- Yellow (10%)
- Black (40%)



- Cyan (40%)
- Magenta (93%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 981189 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 981189 by changing the saturation by 10% instead.



 981189

 981189

FFFFFF

 7C006F

 D254BF

 600056

 EF70DB

 46003F

 FF8CF8

 2C0028

 FFA8FF

 000011

 FFC5FF

 000000

 FFE2FF

 981189

 981189

 980287

 98208B

■ 980087

■ 982F8C

■ 983F8E

■ 984E90

■ 985D91

■ 986C93

■ 987B95

■ 988B97

■ 989A98

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4F42B4



981189



B10052

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



981189



635400



006B90

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



981189



119820

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006A58



981189



266100

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



981189



8F3B00



00671A



0067B9

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



981189



B0002E



00671A



006B7E



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



981189



C48FBE



1E1198



634460



E3E3E3



636363



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



981189



C400AF



981147



4D454C



8C007D



0D000B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



981189



C400AF



119862



4D454C



8C007D



0D000B



# Previews

## White Background



This preview shows how the Hex color 981189 looks on a white background.

## Color Contrast Check

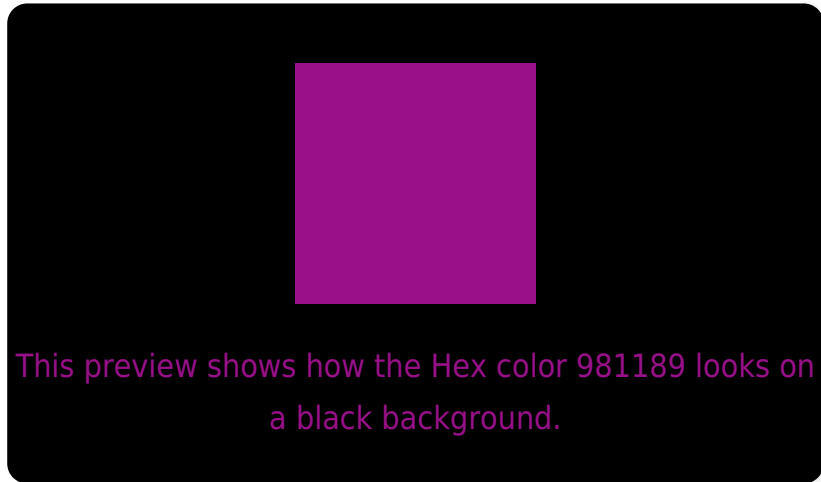
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

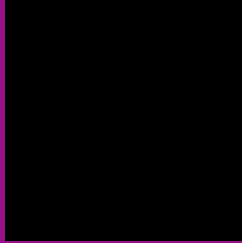
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 981189 Background



This preview shows how black text looks on a background with the Hex color 981189.



This preview shows how white text looks on a background with the Hex color 981189.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
91373B

# Trichromacy



**Original Color**  
981189



**Protanomaly**  
373BA2



**Deuteranomaly**  
613C84



**Tritanomaly**  
942957

# Monochromacy



**Original Color**  
981189



**Achromatopsia**  
474747



**Achromatomaly**  
64335F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 981189 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #981189 looks like.

```
.text, #text, p{  
    color:#981189  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #981189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #981189
}
```

## Border

The CSS property to change the border of an element to Hex 981189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

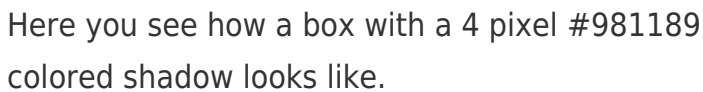
```
.border, #border, table{ border:4px solid
#981189 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#981189 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #981189 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset in all directions, creating a 4px wide purple border around the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #981189 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #981189; -webkit-box-shadow:4px 4px  
4px 4px #981189; box-shadow:4px 4px 4px  
4px #981189 }
```

# Background

The CSS property to change the background color of an element to Hex 981189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#981189 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#981189 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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